

# Monica Colombo

## List of Publications by Year in descending order

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19  
papers

1,007  
citations

516215

16  
h-index

794141

19  
g-index

21  
all docs

21  
docs citations

21  
times ranked

1510  
citing authors

#	ARTICLE	IF	CITATIONS
1	Genetic and Molecular Interactions between BELL1 and MADS Box Factors Support Ovule Development in <i>Arabidopsis</i> . <i>Plant Cell</i> , 2007, 19, 2544-2556.	3.1	178
2	<i>AGL23</i> , a type I MADS-box gene that controls female gametophyte and embryo development in <i>Arabidopsis</i> . <i>Plant Journal</i> , 2008, 54, 1037-1048.	2.8	130
3	PGR5-PGRL1-Dependent Cyclic Electron Transport Modulates Linear Electron Transport Rate in <i>Arabidopsis thaliana</i> . <i>Molecular Plant</i> , 2016, 9, 271-288.	3.9	119
4	Genetic regulation and structural changes during tomato fruit development and ripening. <i>Frontiers in Plant Science</i> , 2014, 5, 124.	1.7	94
5	A new role for the SHATTERPROOF genes during <i>Arabidopsis</i> gynoecium development. <i>Developmental Biology</i> , 2010, 337, 294-302.	0.9	76
6	Breeding for grapevine downy mildew resistance: a review of omics approaches. <i>Euphytica</i> , 2017, 213, 1. 0.6	0.6	65
7	Programmed Cell Death during Embryogenesis in Maize. <i>Annals of Botany</i> , 2002, 90, 287-292.	1.4	63
8	GUN1 influences the accumulation of NEP-dependent transcripts and chloroplast protein import in <i>Arabidopsis</i> cotyledons upon perturbation of chloroplast protein homeostasis. <i>Plant Journal</i> , 2020, 101, 1198-1220.	2.8	44
9	GUN1, a Jack-Of-All-Trades in Chloroplast Protein Homeostasis and Signaling. <i>Frontiers in Plant Science</i> , 2016, 7, 1427.	1.7	43
10	Peptide aptamers: The versatile role of specific protein function inhibitors in plant biotechnology. <i>Journal of Integrative Plant Biology</i> , 2015, 57, 892-901.	4.1	33
11	The plastid transcription machinery and its coordination with the expression of nuclear genome: Plastid-Encoded Polymerase, Nuclear-Encoded Polymerase and the Genomes Uncoupled 1-mediated retrograde communication. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2020, 375, 20190399.	1.8	28
12	Emergent Ascomycetes in Viticulture: An Interdisciplinary Overview. <i>Frontiers in Plant Science</i> , 2019, 10, 1394.	1.7	26
13	Photosynthesis Control: An underrated short-term regulatory mechanism essential for plant viability. <i>Plant Signaling and Behavior</i> , 2016, 11, e1165382.	1.2	23
14	NoPv1: a synthetic antimicrobial peptide aptamer targeting the causal agents of grapevine downy mildew and potato late blight. <i>Scientific Reports</i> , 2020, 10, 17574.	1.6	23
15	Trans-splicing of plastid rps12 transcripts, mediated by AtPPR4, is essential for embryo patterning in <i>Arabidopsis thaliana</i> . <i>Planta</i> , 2018, 248, 257-265.	1.6	19
16	Genetic interaction between AINTEGUMENTA (ANT) and the ovule identity genes SEEDSTICK (STK), SHATTERPROOF1 (SHP1) and SHATTERPROOF2 (SHP2). <i>Sexual Plant Reproduction</i> , 2010, 23, 115-121.	2.2	18
17	CRP1 Protein: (dis)similarities between <i>Arabidopsis thaliana</i> and <i>Zea mays</i> . <i>Frontiers in Plant Science</i> , 2017, 8, 163.	1.7	17
18	Genetic and Phenotypic Analyses of Carpel Development in <i>Arabidopsis</i> . <i>Methods in Molecular Biology</i> , 2014, 1110, 231-249.	0.4	5

#	ARTICLE	IF	CITATIONS
19	The an1-4736 mutation of anther ear1 in maize alters scotomorphogenesis and the light response. Plant Science, 2007, 172, 172-180.	1.7	3